[54] **INTERFACE DEVICE FOR THE ENTRY OF DATA INTO AN INSTRUMENT OF SMALL VOLUME RESPONSIVE TO BODY MOVEMENT**

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[57]   **ABSTRACT**

The invention concerns an interface device for the entry of data into an instrument of small volume such as a timepiece and comprises a static touch responsive sensor formed by a plurality of juxtaposed electrodes. An electronic logic circuit on the one hand receives signals emitted by the sensor representing the position of a finger on the sensor and on the other hand provides output clock pulses to a first and a second counter. Switching means in the electronic logic circuit enable the switching of the clock pulses to the first counter if the finger is moved over the sensor at a speed v_1 less than a threshold speed v_2 or to the second counter if the finger is moved over the sensor at a speed v_3 greater than the threshold speed v_2. The invention may be employed in small timepieces for time setting for example.

13 Claims, 5 Drawing Figures